

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs                            | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|--------------------------------|------------------|---------|---------------------|
| S124  | 56877 | (high! or low! or level or category or rank\$3 or sever\$3 or design or potential or weighted or average or subcategory) near risk  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:10 |
| S125  | 6581  | S124.ti,ab,clm.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:10 |
| S126  | 71655 | "705"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:10 |
| S127  | 3953  | (risk near (assess\$4 or manage \$4)).ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:10 |
| S128  | 153   | S125 and S127 and S126  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:10 |
| S129  | 343   | ((offshore (prospect or drilling or production) or well\$1bore or well bor\$3) AND (risk or uncertainty or (probab\$5 near (success or fail\$4))))).ti,ab,clm.                                      | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:10 |
| S130  | 50998 | (well\$1bore or drill\$3 or explor \$) near3 (oil or gas or petrol\$ or min\$3)   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:11 |
| S131  | 95    | risk near5 S130   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:11 |
| S132  | 7     | S131 and (risk with (rank\$3 or order\$3 or scal\$3 or categor\$ or hierarch\$))  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:11 |
| S133  | 24    | ("20010042642"  <br>"20020138240"  <br>"20020177955"  <br>"20030015351"  <br>"20040149431"  <br>"20040256152"   "5305836"  <br>"5312163"   "5794720"  <br>"6269892"   "6353799"  <br>"6785641").PN. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ              | ON      | 2009/07/26<br>13:11 |

|      |       |  |                                |     |     |                     |
|------|-------|--|--------------------------------|-----|-----|---------------------|
| S134 | 22    | ("20010042642"  <br>"20020177955"  <br>"20030015351"  <br>"20040149431"  <br>"20040256152"   "5305836"  <br>"5312163"   "5794720"  <br>"6269892"   "6353799"  <br>"6785641").PN. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S135 | 30    | king-william-w.in.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S136 | 2     | ((("5696907") or ("5611052")).<br>PN.  | DERWENT                        | OR  | OFF | 2009/07/26<br>13:11 |
| S137 | 1     | WO-9113237-\$.did.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S138 | 25    | kim-pyungchul\$.in.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S139 | 12    | S135 and risk  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S140 | 8877  | risk near assess\$4  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S141 | 683   | (risk near assess\$4).ti.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S142 | 71655 | "705"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S143 | 72    | (risk near assess\$4).ti. and<br>S126  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S144 | 2576  | (risk near assess\$4).ti,ab,clm.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S145 | 49    | S143 and (high! or low! or<br>level) near risk   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S146 | 3953  | (risk near (assess\$4 or manage<br>\$4)).ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S147 | 56877 | (high! or low! or level or<br>category or rank\$3 or sever\$3<br>or design or potential or<br>weighted or average or<br>subcategory) near risk                                   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S148 | 6581  | S124.ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S149 | 153   | S125 and S127 and S126   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |

|      |      |   |                                       |     |     |                     |
|------|------|---|---------------------------------------|-----|-----|---------------------|
| S150 | 41   | S128 and @pd<="20040517"  | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |
| S151 | 22   | (US-20040256152-\$ or US-20030015351-\$ or US-20040149431-\$ or US-20020177955-\$ or US-20020138240-\$ or US-20010042642-\$).did. or (US-6785641-\$ or US-6353799-\$ or US-6269892-\$ or US-5794720-\$ or US-5312163-\$ or US-5305836-\$).did. or (WO-2004090285-\$ or WO-2003042489-\$ or US-20030015351-\$ or GB-2367843-\$ or CA-2357504-\$ or US-20010042642-\$ or EP-1146200-\$ or US-6353799-\$ or US-6269892-\$ or CN-1214754-\$ or GB-2265923-\$ or US-5312163-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |
| S152 | 8    | (US-20030088446-\$ or US-20020099586-\$).did. or (US-6612382-\$ or US-6408953-\$).did.  | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |
| S153 | 0    | S152 and S151   | US-PGPUB;<br>USPAT                    | ADJ | ON  | 2009/07/26<br>13:11 |
| S154 | 2    | wylie.in. and "20040149431".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |
| S155 | 1    | ("7035778").PN.   | DERWENT                               | OR  | OFF | 2009/07/26<br>13:11 |
| S156 | 0    | S155 and risk   | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |
| S157 | 6558 | (offshore (prospect or drilling or production) or well\$1bore or well bor\$3) AND (risk or uncertainty or (probab\$5 near (success or fail\$4)))  | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |
| S158 | 343  | ((offshore (prospect or drilling or production) or well\$1bore or well bor\$3) AND (risk or uncertainty or (probab\$5 near (success or fail\$4))))).ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |
| S159 | 1    | "10802613".rlan. or ("10".src. and "802613".ap.)  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S160 | 1    | "10802524".rlan. or ("10".src. and "802524".ap.)  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | ADJ | ON  | 2009/07/26<br>13:11 |
| S161 | 2    | "7085696".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT        | ADJ | ON  | 2009/07/26<br>13:11 |

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|------|-----|--|--------------------------------|-----|----|---------------------|
| S162 | 2   | "7261167".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S163 | 2   | "7032689".pn.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S164 | 6   | S161 or S162 or S163   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S165 | 179 | (<br>"20020120401"  <br>"20030015351"  <br>"20030187582"   "3593807"  <br>"3660649"   "3752966"  <br>"3761701"   "3971449"  <br>"3972966"   "4056153"  <br>"4064749"   "4096385"  <br>"4195699"   "4354233"  <br>"4407017"   "4479176"  <br>"4617825"   "4627276"  <br>"4646240"   "4685329"  <br>"4694686"   "4718011"  <br>"4793421"   "4794534"  <br>"4794535"   "4845628"  <br>"4852399"   "4875530"  <br>"4876886"   "4903527"  <br>"4914591"   "4916616"  <br>"4926686"   "4926950"  <br>"4928521"   "4981037"  <br>"5010789"   "5012674"  <br>"5042596"   "5205164"  <br>"5216612"   "5216917"  <br>"5239467"   "5251286"  <br>"5282384"   "5305836"  <br>"5318136"   "5334833"  <br>"5369570"   "5415030"  <br>"5416697"   "5442950"  <br>"5449047"   "5458207"  <br>"5461562"   "5474142"  <br>"5539704"   "5608162"  <br>"5660239"   "5704436"  <br>"5767399"   "5794720"  <br>"5845258"   "5963910"  <br>"5965810"   "6021859"  <br>"6026912"   "6044327"  <br>"6052649"   "6109368"  <br>"6155357"   "6169967"  <br>"6233498"   "6276465"  <br>"6349595"   "6374926"  <br>"6389360"   "6408953"  <br>"6409368"   "6424919"  <br>"6516293"   "6612382"  <br>"6785641"   "6879947") .PN. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |

|      |     |  |                                |     |    |                     |
|------|-----|--|--------------------------------|-----|----|---------------------|
| S166 | 201 | ("1209299"   "1263802"  <br>"1394769"   "20020120401"  <br>"20040059554"   "3593807"  <br>"3660649"   "3742966"  <br>"3752966"   "3761701"  <br>"3971449"   "4056153"  <br>"4064749"   "4096385"  <br>"4195699"   "4354233"  <br>"4407017"   "4479176"  <br>"4617825"   "4627276"  <br>"4646240"   "4685329"  <br>"4694686"   "4718011"  <br>"4793421"   "4794535"  <br>"4845628"   "4852399"  <br>"4875530"   "4876886"  <br>"4903527"   "4914591"  <br>"4916616"   "4926686"  <br>"4926950"   "4928521"  <br>"4981037"   "5010789"  <br>"5012674"   "5042596"  <br>"5205164"   "5216612"  <br>"5216917"   "5239467"  <br>"5251286"   "5282384"  <br>"5305836"   "5318136"  <br>"5330016"   "5334833"  <br>"5369570"   "5415030"  <br>"5416697"   "5449047"  <br>"5458207"   "5461562"  <br>"5474142"   "5539704"  <br>"5608162"   "5660239"  <br>"5704436"   "5767399"  <br>"5794720"   "5845258"  <br>"5963910"   "5965810"  <br>"6021859"   "6026912"  <br>"6044327"   "6052649"  <br>"6109368"   "6131673"  <br>"6155357"   "6169967"  <br>"6233498"   "6276465"  <br>"6349595"   "6374926"  <br>"6389360"   "6408953"  <br>"6516293"   "6612382"  <br>"6785641"   "6879947"  <br>"7003439"   "7032689"  <br>"7035778"   "7085696").PN. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S167 | 132 | 175/39.ccls.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |

|      |       |   |                                |     |    |                     |
|------|-------|---|--------------------------------|-----|----|---------------------|
| S168 | 143   | ("1209299"   "1263802"  <br>"1394769"   "20040000430"  <br>"20040059554"   "3660649"  <br>"3752966"   "3761701"  <br>"4056153"   "4096385"  <br>"4195699"   "4479176"  <br>"4617825"   "4646240"  <br>"4718011"   "4794534"  <br>"4794535"   "4852399"  <br>"4876886"   "4903527"  <br>"4906385"   "4916616"  <br>"4926950"   "4928521"  <br>"5042596"   "5205164"  <br>"5216612"   "5239467"  <br>"5251286"   "5318136"  <br>"5330016"   "5334833"  <br>"5369570"   "5415030"  <br>"5416697"   "5461562"  <br>"5474142"   "5539704"  <br>"5608162"   "5660239"  <br>"5794720"   "5845258"  <br>"5963910"   "6026912"  <br>"6044327"   "6052649"  <br>"6109368"   "6131673"  <br>"6155357"   "6169967"  <br>"6233498"   "6276465"  <br>"6349595"   "6374926"  <br>"6389360"   "6408953"  <br>"6424919"   "6516293"  <br>"6612382"   "6785641"  <br>"6879947").PN. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S169 | 217   | S165 or S166 or S168  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S170 | 13    | ((DAAN) near2 (VEENINGEN)).<br>INV.   | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/07/26<br>13:11 |
| S171 | 11    | ((KRIS) near2 (GIVENS)).INV.  | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/07/26<br>13:11 |
| S172 | 858   | 166/382.ccls.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S173 | 13    | S170 or S171  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S174 | 0     | S172 and S167   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S175 | 50998 | (well\$1bore or drill\$3 or explor<br>\$) near3 (oil or gas or petrol\$ or<br>min\$3)   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S176 | 378   | risk near2 rank\$3  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S177 | 568   | risk same S130  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |

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|------|--------|--|--------------------------------|-----|----|---------------------|
| S178 | 193    | risk with S130   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S179 | 95     | risk near5 S130  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S180 | 7      | S131 and (risk with (rank\$3 or<br>order\$3 or scal\$3 or categor\$ or<br>hierarch\$))   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S181 | 37895  | (risk with (rank\$3 or order\$3 or<br>scal\$3 or categor\$ or hierarch<br>\$))   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S182 | 3514   | S120.ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S183 | 204    | S120.ti.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S184 | 110    | S121 and (@pd<="20040317"<br>or @ad<="20040317" or<br>@rlad<="20040317")   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S185 | 0      | (10/716067).APP.   | USPAT; USOCR                   | ADJ | ON | 2009/07/26<br>13:11 |
| S186 | 0      | S122 and S130  | USPAT; USOCR                   | ADJ | ON | 2009/07/26<br>13:11 |
| S187 | 166399 | (high! or low! or level or<br>category or rank\$3 or sever\$3<br>or design or potential or<br>weighted or average or<br>subcategory) with risk | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S188 | 1794   | S123 and S182  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S189 | 1084   | S123 and S182 and<br>(@pd<="20040317" or<br>@ad<="20040317" or<br>@rlad<="20040317")   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S190 | 65     | S123 and S122  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S191 | 40     | 700/36.cor.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S192 | 2131   | S123 same (hierarch\$ or sub<br>\$1categor\$ or breakdown or<br>drill adj down)  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S193 | 619    | S192 and S120  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S194 | 401    | S193 and (@pd<="20040317"<br>or @ad<="20040317" or<br>@rlad<="20040317")   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |

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|------|----|---|--------------------------------|-----|----|---------------------|
| S195 | 82 | S192 and S182 and<br>(@pd<="20040317" or<br>@ad<="20040317" or<br>@rlad<="20040317")  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S196 | 45 | S195 and (average or mean)  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S197 | 45 | (risk or uncertainty or hazard)<br>and S196   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S198 | 2  | "6109368".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S199 | 47 | ("6109368").URPN.   | USPAT                          | ADJ | ON | 2009/07/26<br>13:11 |
| S200 | 47 | (US-20030023470-\$ or US-<br>20030088446-\$ or US-<br>20030125997-\$ or US-<br>20020099586-\$ or US-<br>20040149431-\$ or US-<br>20050209866-\$ or US-<br>20050228905-\$ or US-<br>20050209836-\$ or US-<br>20050209912-\$ or US-<br>20080262886-\$ or US-<br>20070199721-\$ or US-<br>20050211468-\$ or US-<br>20050108178-\$ or US-<br>20080215388-\$ or US-<br>20060287888-\$ or US-<br>20050192963-\$ or US-<br>20050125259-\$ or US-<br>20050060213-\$ or US-<br>20050021360-\$ or US-<br>20040210500-\$ or US-<br>20040044617-\$ or US-<br>20030149657-\$ or US-<br>20030120576-\$ or US-<br>20020147676-\$).did. or (US-<br>7032689-\$ or US-6408953-\$ or<br>US-6612382-\$ or US-7006992-\$<br>or US-7261167-\$ or US-<br>7085696-\$ or US-7258175-\$ or<br>US-7191064-\$ or US-7305351-\$<br>or US-6223143-\$ or US-<br>6109368-\$ or US-7357196-\$ or<br>US-7243735-\$ or US-7172037-\$<br>or US-7003439-\$).did. or (WO-<br>2003042489-\$ or US-<br>20030187582-\$ or US-<br>20040182606-\$ or US-<br>20040000430-\$ or US-<br>20030015351-\$ or US-<br>20050228905-\$ or US-<br>20050209866-\$ or WO-<br>2004023266-\$ or CA-2413573-<br>\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |



|      |    |   |                                |     |    |                     |
|------|----|---|--------------------------------|-----|----|---------------------|
| S201 | 23 | severity and S200   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S202 | 47 | (US-20030023470-\$ or US-20030088446-\$ or US-20030125997-\$ or US-20020099586-\$ or US-20040149431-\$ or US-20050209866-\$ or US-20050228905-\$ or US-20050209836-\$ or US-20050209912-\$ or US-20080262886-\$ or US-20070199721-\$ or US-20050211468-\$ or US-20050108178-\$ or US-20080215388-\$ or US-20060287888-\$ or US-20050192963-\$ or US-20050125259-\$ or US-20050060213-\$ or US-20050021360-\$ or US-20040210500-\$ or US-20040044617-\$ or US-20030149657-\$ or US-20030120576-\$ or US-20020147676-\$).did. or (US-7032689-\$ or US-6408953-\$ or US-6612382-\$ or US-7006992-\$ or US-7261167-\$ or US-7085696-\$ or US-7258175-\$ or US-7191064-\$ or US-7305351-\$ or US-6223143-\$ or US-6109368-\$ or US-7357196-\$ or US-7243735-\$ or US-7172037-\$ or US-7003439-\$).did. or (WO-2003042489-\$ or US-20030187582-\$ or US-20040182606-\$ or US-20040000430-\$ or US-20030015351-\$ or US-20050228905-\$ or US-20050209866-\$ or WO-2004023266-\$ or CA-2413573-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S203 | 15 | rank and S202   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S204 | 30 | (risk with (medium or average or high or low)) and S202   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S205 | 26 | (risk near2 (medium or average or high or low)) and S202  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S206 | 30 | (risk with (medium or average or high or low)) and S202   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |

|      |     |   |                                |     |    |                     |
|------|-----|---|--------------------------------|-----|----|---------------------|
| S207 | 24  | (US-20040149431-\$ or US-20040256152-\$ or US-20010042642-\$ or US-20020138240-\$ or US-20020177955-\$ or US-20030015351-\$).did. or (US-6785641-\$ or US-5305836-\$ or US-5312163-\$ or US-5794720-\$ or US-6269892-\$ or US-6353799-\$).did. or (US-6353799-\$ or EP-1146200-\$ or WO-2004090285-\$ or US-5312163-\$ or GB-2367843-\$ or US-20030015351-\$ or WO-2003042489-\$ or US-20010042642-\$ or CA-2357504-\$ or GB-2265923-\$ or CN-1214754-\$ or US-6269892-\$).did.   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S208 | 30  | (US-20050060213-\$ or US-20030125997-\$ or US-20050192963-\$ or US-20050125259-\$ or US-20080215388-\$ or US-20060287888-\$ or US-20020147676-\$ or US-20050021360-\$ or US-20040044617-\$ or US-20030088446-\$ or US-20020099586-\$ or US-20050108178-\$ or US-20040210500-\$ or US-20030149657-\$).did. or (US-7032689-\$ or US-6109368-\$ or US-6223143-\$ or US-7006992-\$ or US-7003439-\$ or US-6408953-\$ or US-6612382-\$ or US-7261167-\$ or US-7085696-\$ or US-7191064-\$ or US-7357196-\$ or US-7243735-\$).did. or (US-20030187582-\$ or US-20040182606-\$ or US-20040000430-\$ or US-20030015351-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S209 | 29  | S208 not S207   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S210 | 1   | S208 and S207   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S211 | 131 | fassihi   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |
| S212 | 5   | fassihi with risk   | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/07/26<br>13:11 |

|      |       |  |                                |     |    |                     |
|------|-------|--|--------------------------------|-----|----|---------------------|
| S218 | 6     | ("20040002929"   "5611052"   "5696907").PN.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/09/08<br>19:12 |
| S219 | 2820  | "union oil".as.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/09/08<br>19:57 |
| S220 | 24    | "union oil".as. and mueller.in.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/09/08<br>19:57 |
| S221 | 10    | ("5660239").URPN.  | USPAT                          | ADJ | ON | 2009/09/08<br>19:59 |
| S222 | 51582 | (well\$1bore or drill\$3 or explor<br>\$) near3 (oil or gas or petrol\$ or<br>min\$3)  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/09/08<br>20:02 |
| S225 | 906   | S222 and ((risk or uncertain\$2<br>or failure or friction factor) with<br>(rank\$3 or order\$3 or scal\$3 or<br>categor\$ or hierarch\$))                | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/09/08<br>20:08 |
| S226 | 145   | S222.ti,ab,clm. and ((risk or<br>uncertain\$2 or failure or friction<br>factor) with (rank\$3 or order\$3<br>or scal\$3 or categor\$ or hierarch<br>\$)) | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/09/08<br>20:08 |
| S231 | 43    | 700/36.cor.  | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/10/30<br>14:14 |

### EAST Search History (Interference)

| Ref # | Hits | Search Query               | DBs            | Default Operator | Plurals | Time Stamp          |
|-------|------|----------------------------|----------------|------------------|---------|---------------------|
| S115  | 546  | 705/7,38.cor.              | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/21<br>17:16 |
| S117  | 106  | 340/853.1,853.3,853.6.cor. | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/21<br>17:21 |
| S118  | 120  | 367/81,82.cor.             | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/21<br>17:21 |
| S119  | 313  | 175/24,39,40.cor.          | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/21<br>17:23 |
| S213  | 447  | 703/13,17.cor.             | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/26<br>13:11 |
| S214  | 546  | 705/7,38.cor.              | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/26<br>13:11 |
| S215  | 106  | 340/853.1,853.3,853.6.cor. | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/26<br>13:11 |
| S216  | 120  | 367/81,82.cor.             | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/26<br>13:11 |
| S217  | 313  | 175/24,39,40.cor.          | USPAT;<br>UPAD | ADJ              | ON      | 2009/07/26<br>13:11 |
| S227  | 561  | 705/7,38.cor.              | USPAT;<br>UPAD | ADJ              | ON      | 2009/09/08<br>20:02 |

|      |       |   |                |     |    |                     |
|------|-------|---|----------------|-----|----|---------------------|
| S229 | 24647 | (well\$1bore or drill\$3 or explor\$)<br>near3 (oil or gas or petrol\$ or min<br>\$3) | USPAT;<br>UPAD | ADJ | ON | 2009/09/08<br>20:04 |
| S230 | 3     | S227 and S229   | USPAT;<br>UPAD | ADJ | ON | 2009/09/08<br>20:05 |

**10/ 30/ 2009 2:23:38 PM**

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(Schlumberger) bor drilling risk economic assessment display.wsp**